

Electronic Acknowledgement Receipt

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| EFS ID: | 6725390 |
| Application Number: | 10632767 |
| International Application Number: | |
| Confirmation Number: | 3614 |
| Title of Invention: | Sparse caching for streaming media |
| First Named Inventor/Applicant Name: | Alexandre V. Grigorovitch |
| Customer Number: | 22801 |
| Filer: | Beatrice L. Koempel-Thomas/Shani Hoke |
| Filer Authorized By: | Beatrice L. Koempel-Thomas |
| Attorney Docket Number: | MS1-1541US |
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| Application Type: | Utility under 35 USC 111(a) |

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| Submitted with Payment | no |
|------------------------|----|

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/Message Digest | Multi Part/.zip | Pages (if appl.) |
|-----------------|----------------------|-----------|---|-----------------|------------------|
| 1 | | ids.pdf | 101775 9ac149790092edfffb1b05aca9bc02e62 4794 | yes | 4 |

| Multipart Description/PDF files in .zip description | | | | | |
|---|--|------------|---|-----|---------|
| | Document Description | | Start | End | |
| | Information Disclosure Statement (IDS) Filed (SB/08) | | 1 | 3 | |
| | Miscellaneous Incoming Letter | | 4 | 4 | |
| Warnings: | | | | | |
| Information: | | | | | |
| 2 | Foreign Reference | KM8076.PDF | 245804 86341a8873d1864fb1c1166cb0708ec367a a8be8 | no | 10 |
| Warnings: | | | | | |
| Information: | | | | | |
| 3 | Foreign Reference | KM8391.PDF | 447346 9206d7f513cda109d984edca0a1a7a2ca 161b | no | 14 |
| Warnings: | | | | | |
| Information: | | | | | |
| 4 | Foreign Reference | KM8081.PDF | 761967 33765e59cc6412c36a4812b41bf95d7ab5 12b4 | no | 30 |
| Warnings: | | | | | |
| Information: | | | | | |
| 5 | NPL Documents | KM8404.PDF | 385042 a6dbd98c8d02f415ace828ed3bde0702ff1ab1e 802e | no | 10 |
| Warnings: | | | | | |
| Information: | | | | | |
| Total Files Size (in bytes): | | | | | 1941934 |

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.